

FIG. 1

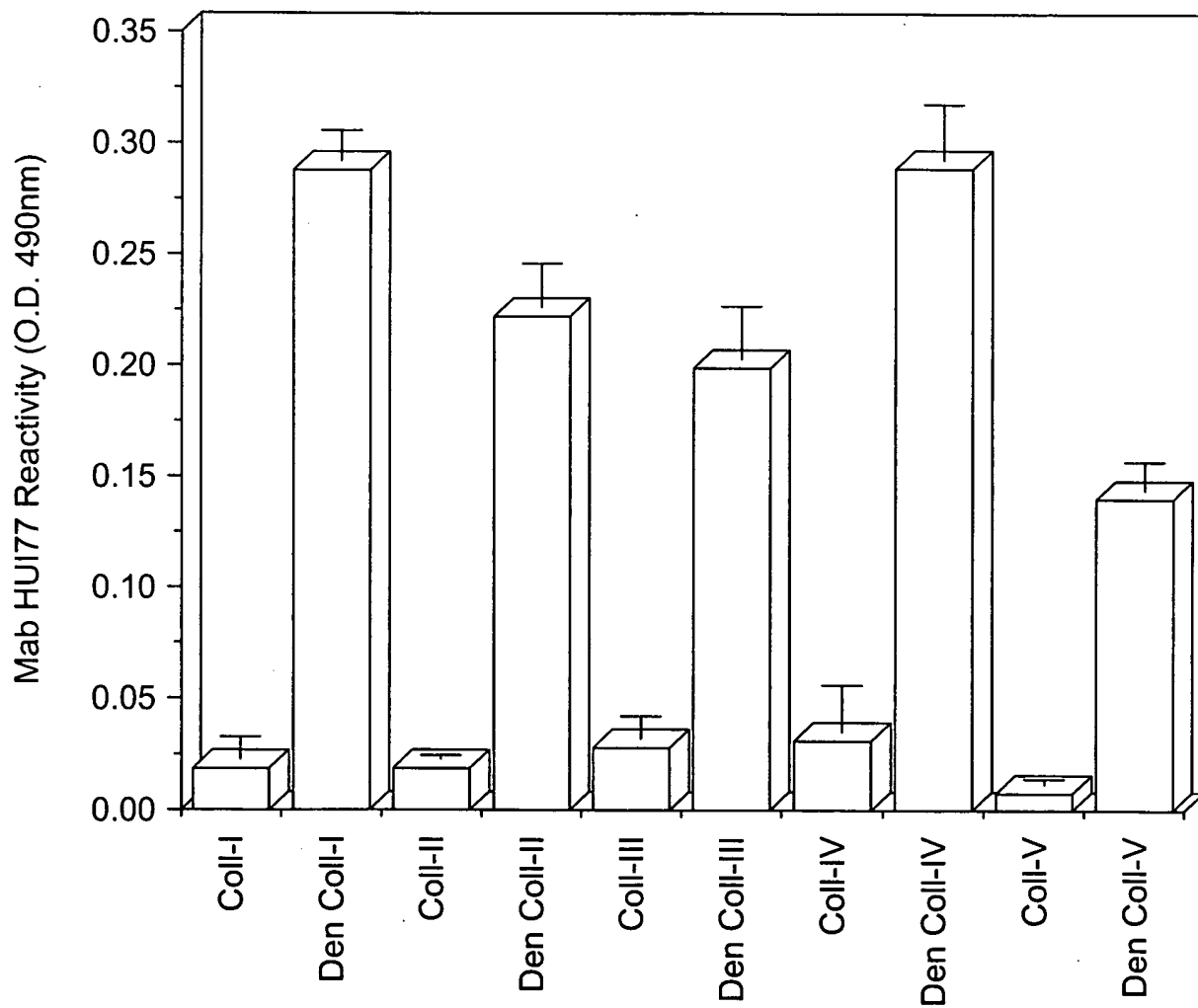
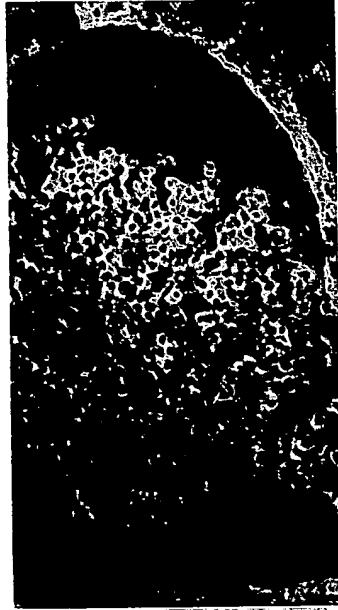


FIG. 2



**Human Melanoma
(Human / SCID Mouse Chimera)**



**Human Melanoma
(Biopsy)**

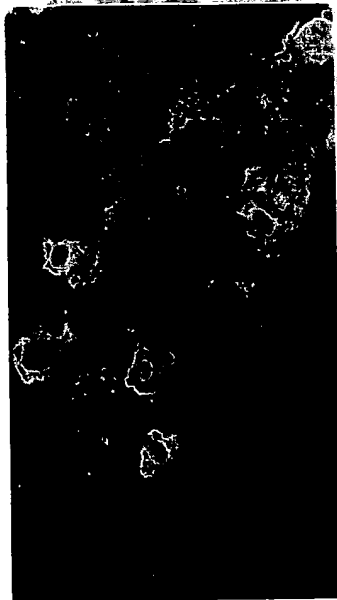
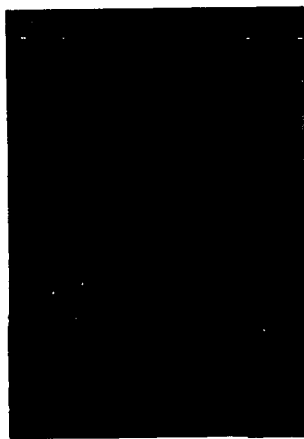


FIG. 3



Human Melanoma Biopsy

Anti-Factor VIII
(Polyclonal Ab)



Anti-Denatured Collagen
(Monoclonal Ab HUI77)



FIG. 4

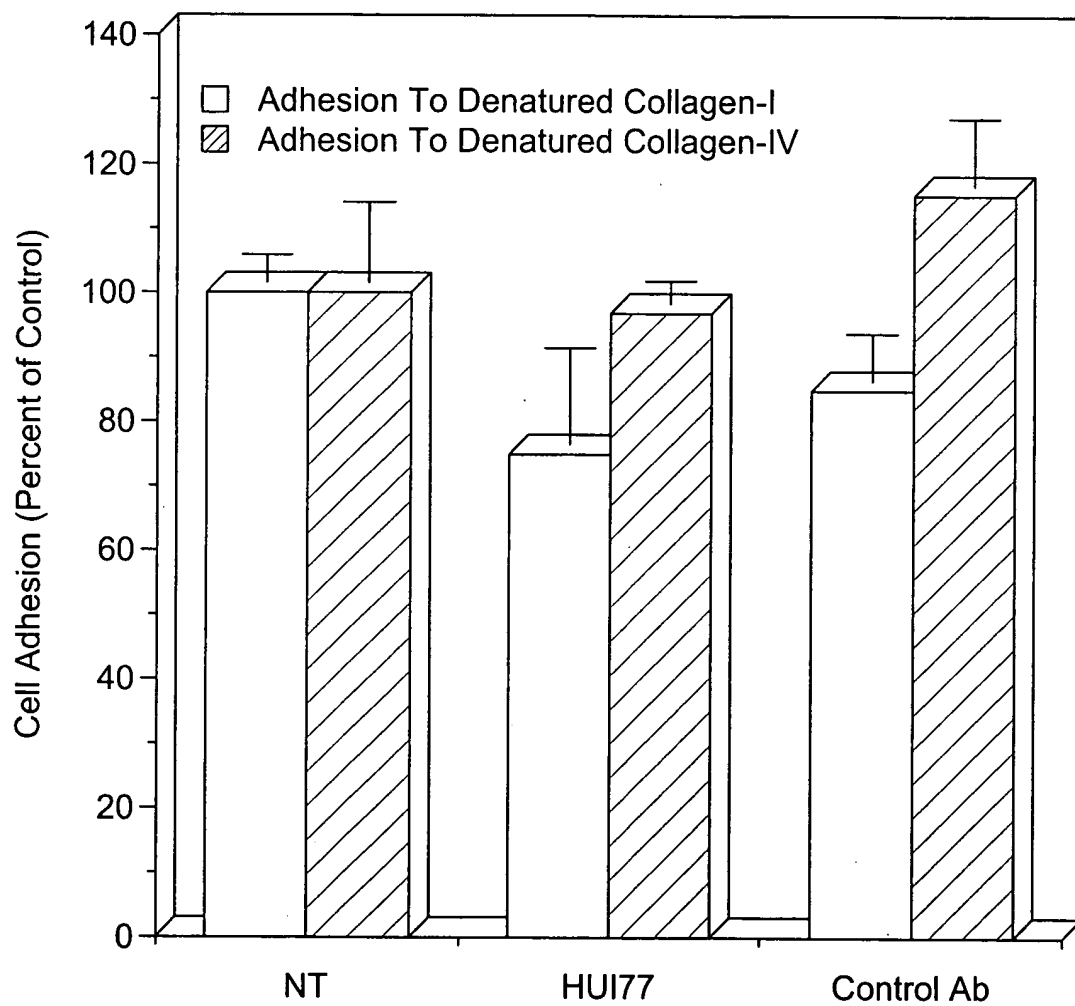


FIG. 5

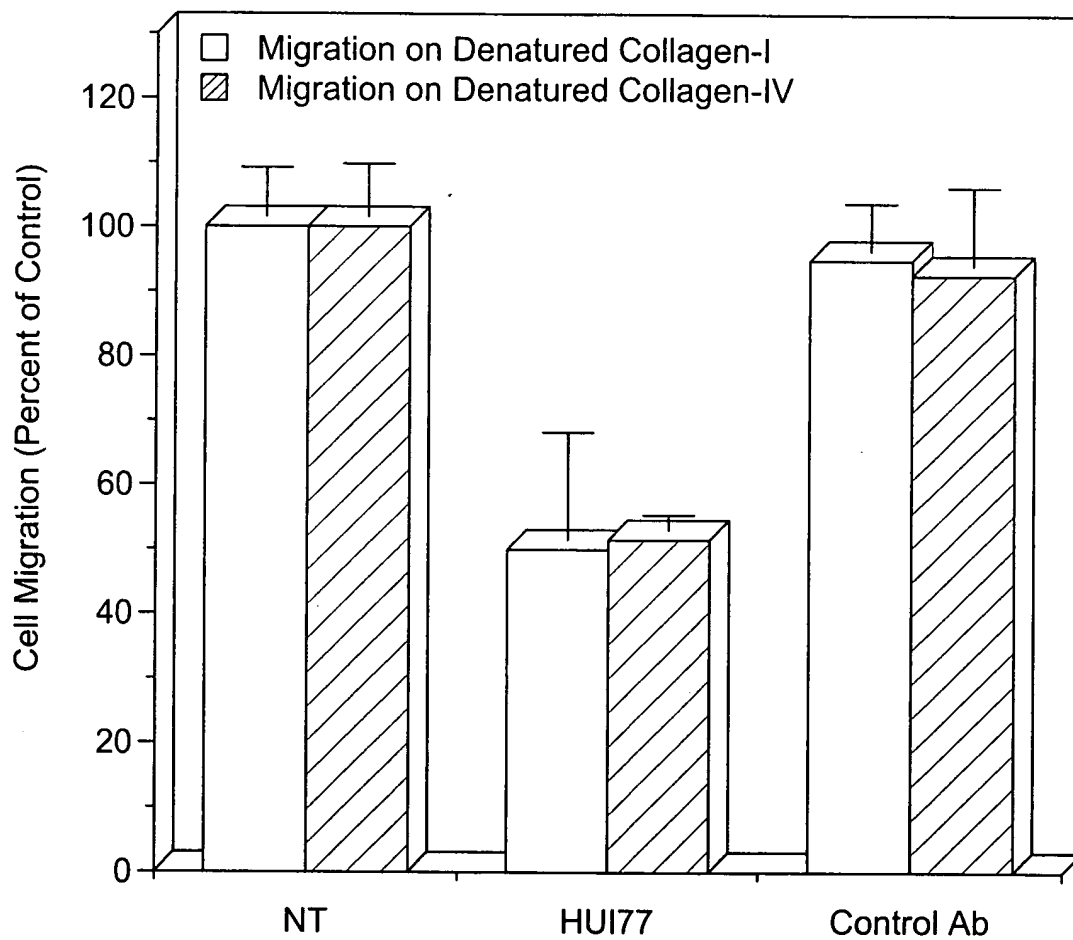
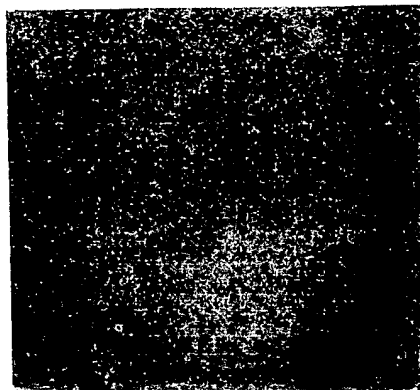


FIG. 6

Chick CAM Angiogenesis Assay

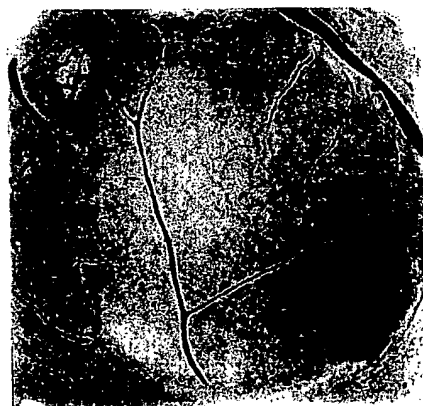
bFGF + Mab HUI77



bFGF



No Treatment



Effects of Mab HUI77 on Angiogenesis In Vivo.

Filter discs with or without 1.0 ug / ml of bFGF were place on the chorioallantoic membrane (CAM) of 10 day old chick embryos. Twenty four hours latter, the embryos received a single intravascular injection of Mab HUI77 or control Mab. Embryos were allowed to incubate for a total of 3 days at which time they were sacrificed and the filter discs and surrounding CAM tissue was removed and analyzed. Photographs of representative CAM tissues.

FIG. 7



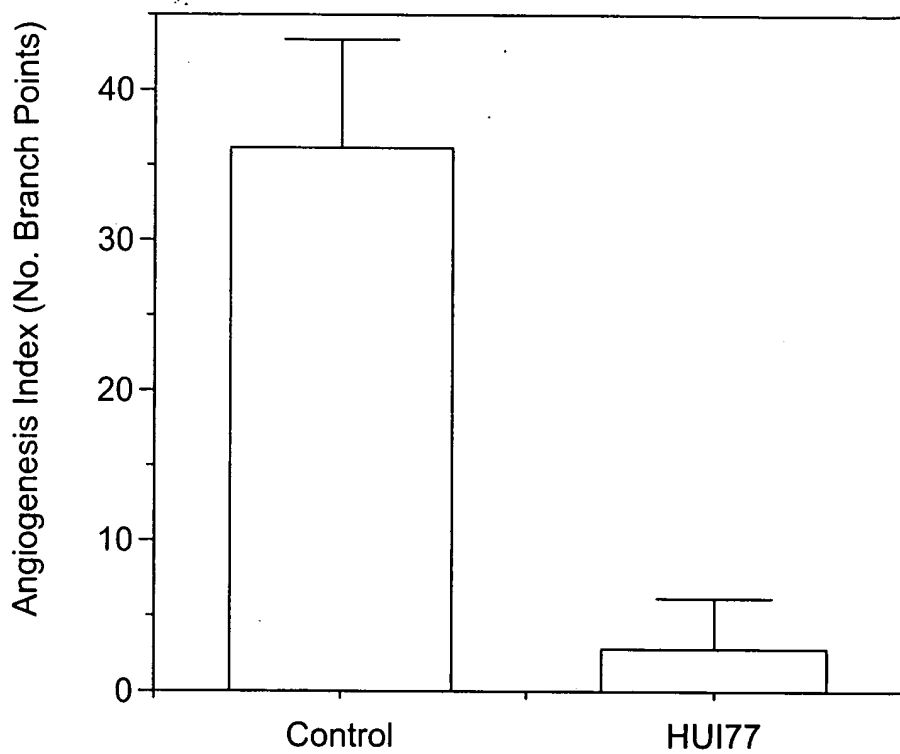


FIG. 8



CS-1 Melanoma Tumor Assay

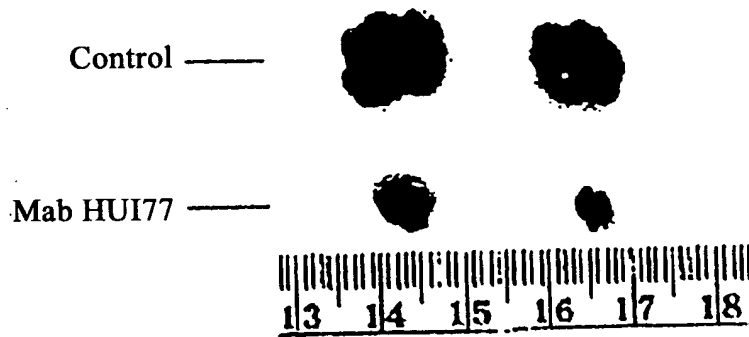


FIG. 9

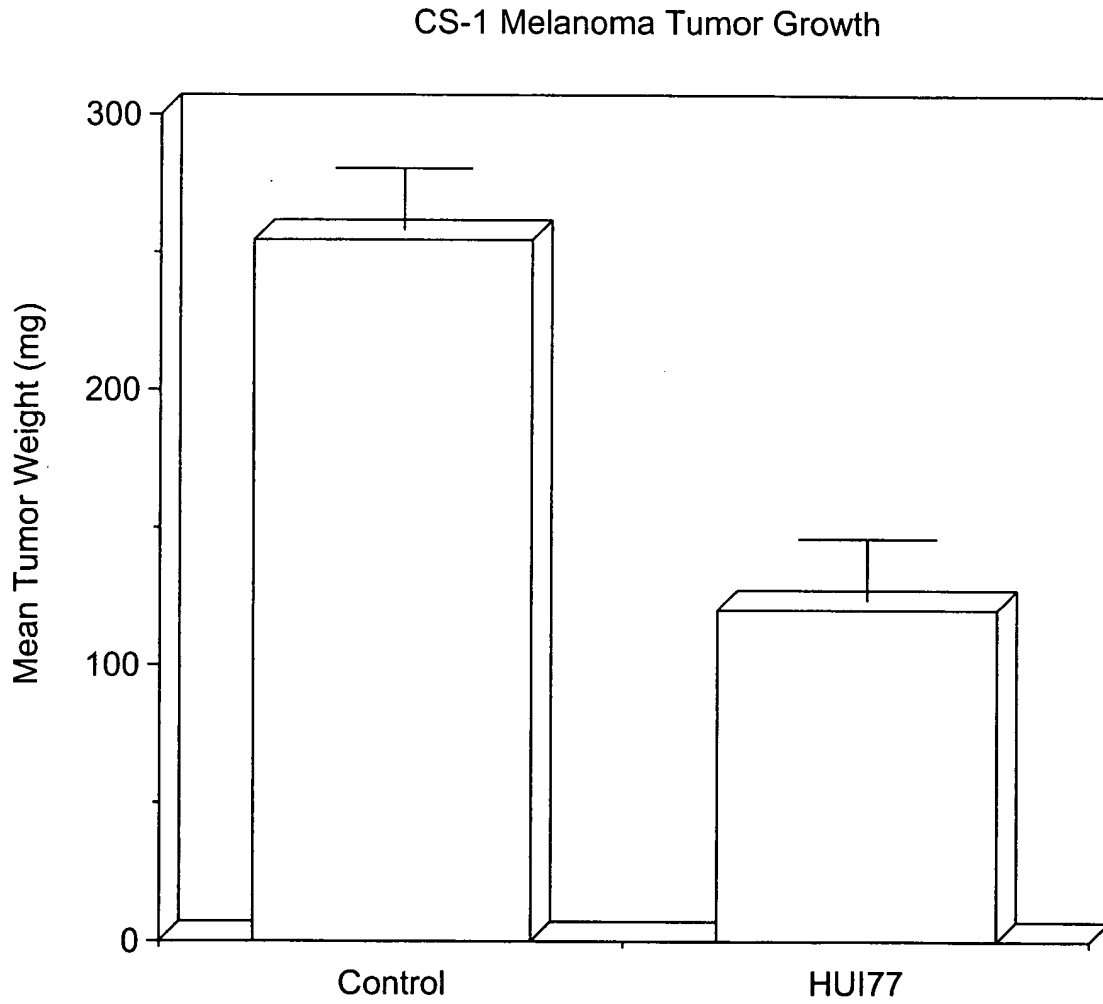
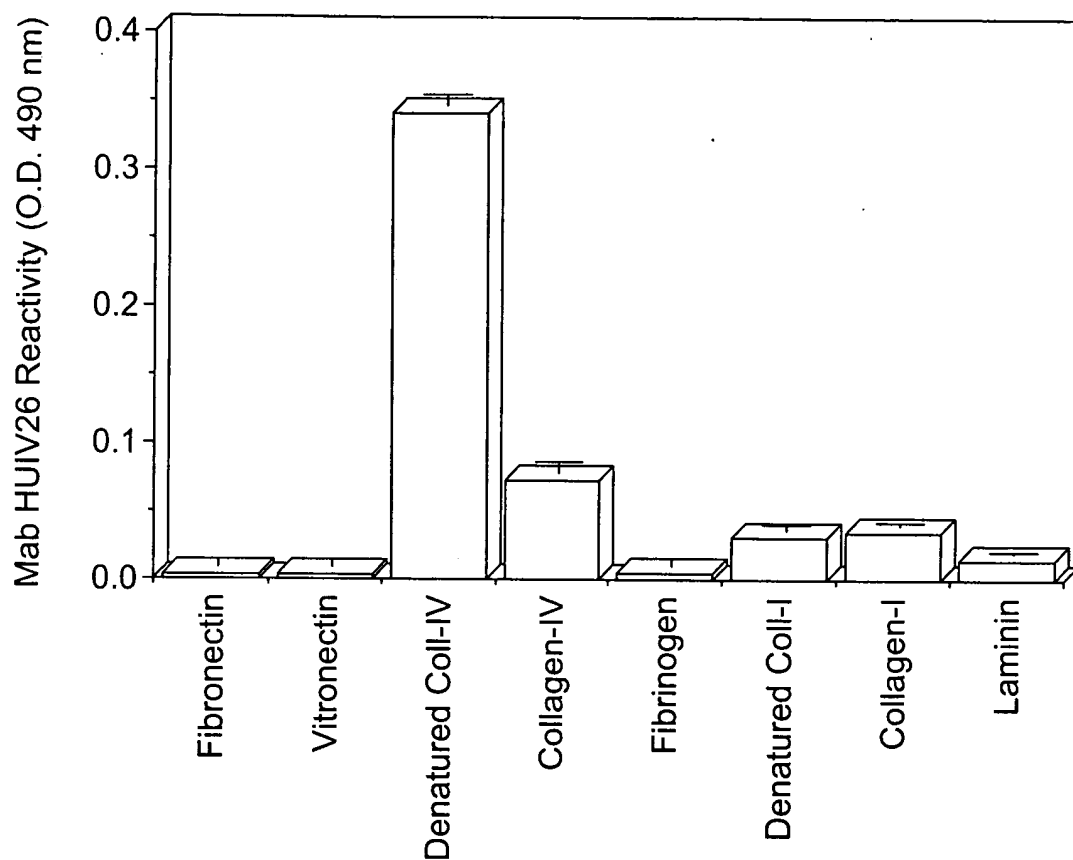


FIG. 10



A.



B.

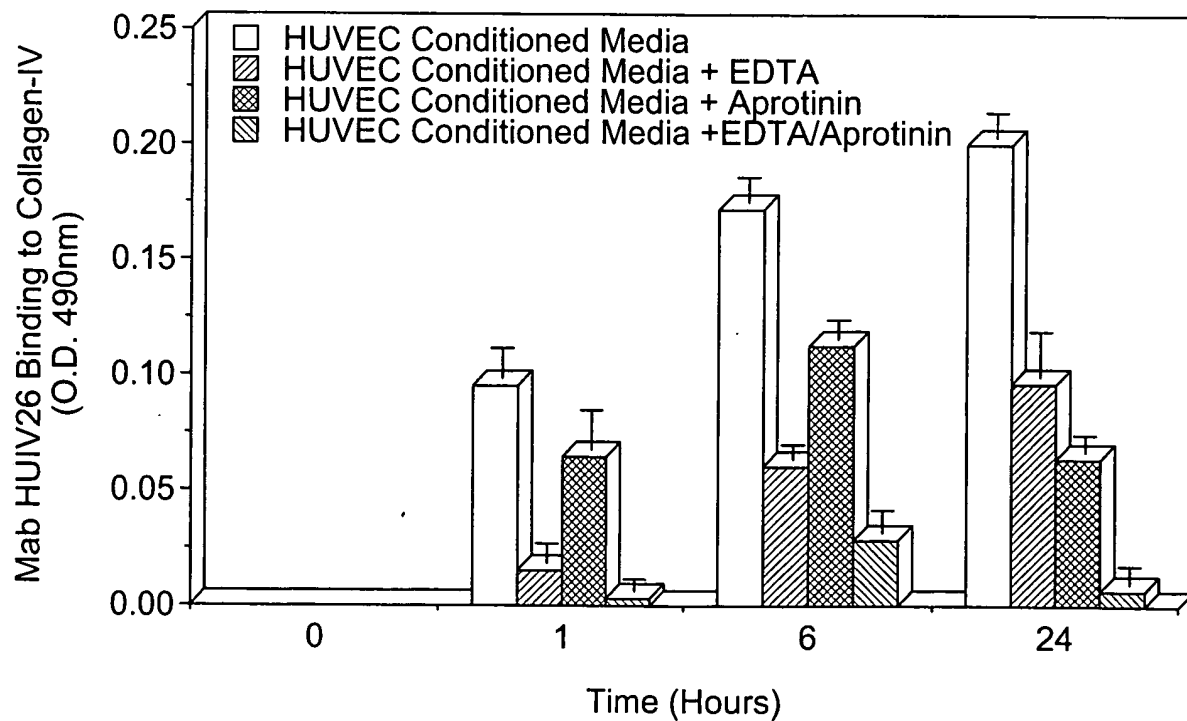


FIG. 11

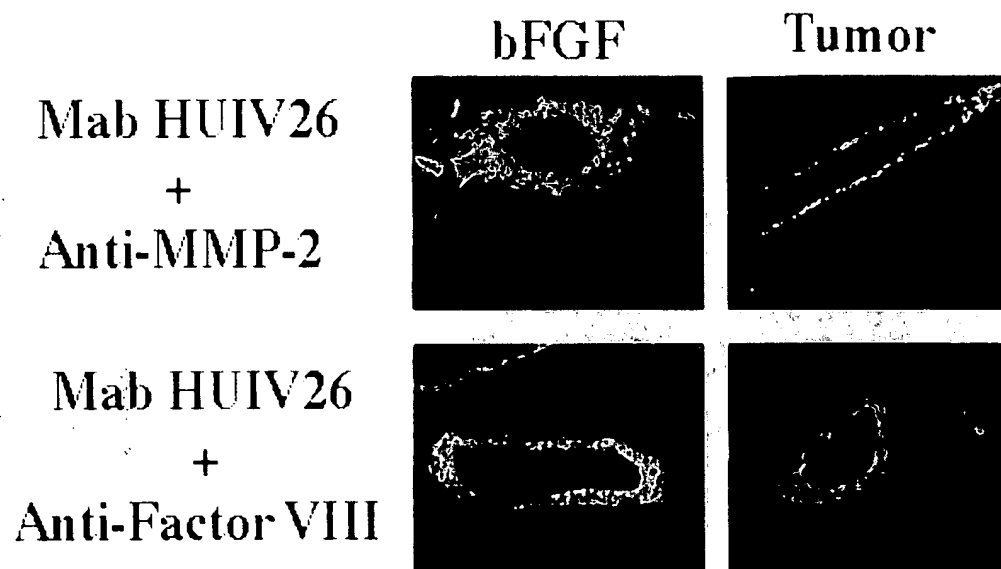


FIG. 12



**Anti-Factor VIII
(Polyclonal Ab)**



**Anti-Denatured Coll-IV
(Mab HUIV26)**



**Co-Staining of Human Melanoma Biopsy
(Anti-Factor VIII / Anti-Denatured Coll-IV)**



FIG. 13

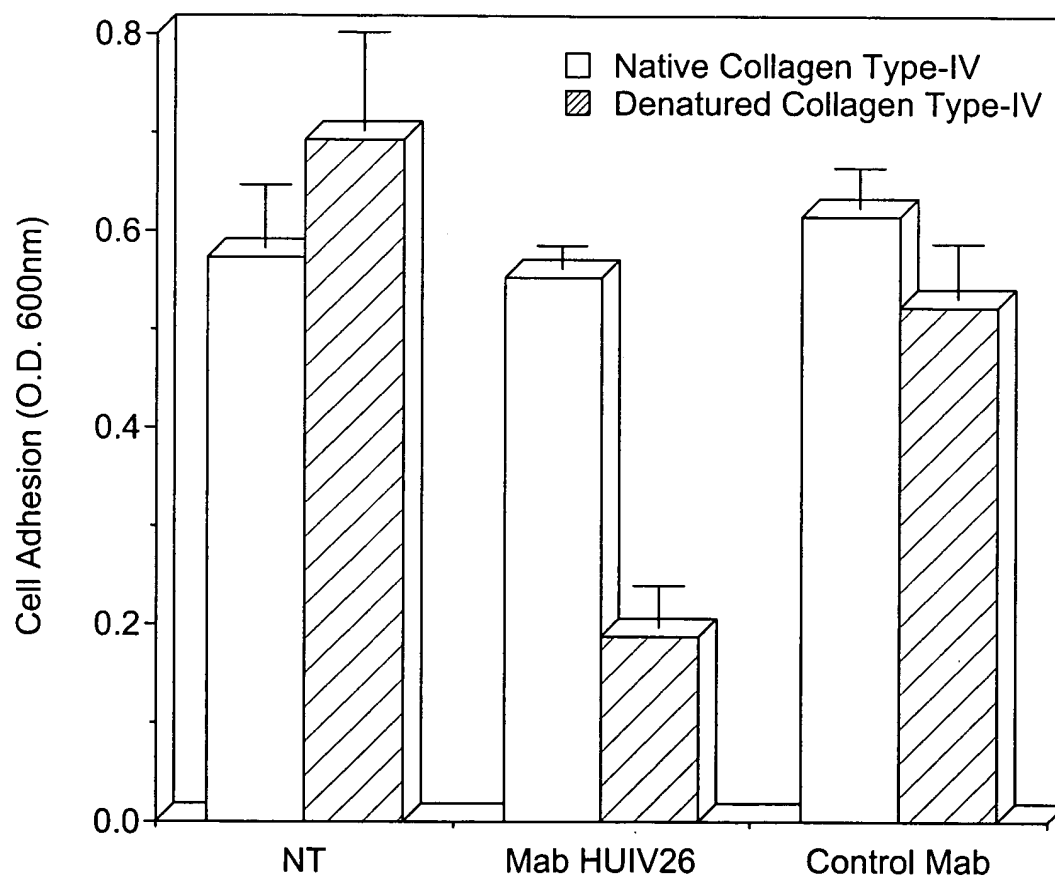


FIG. 14

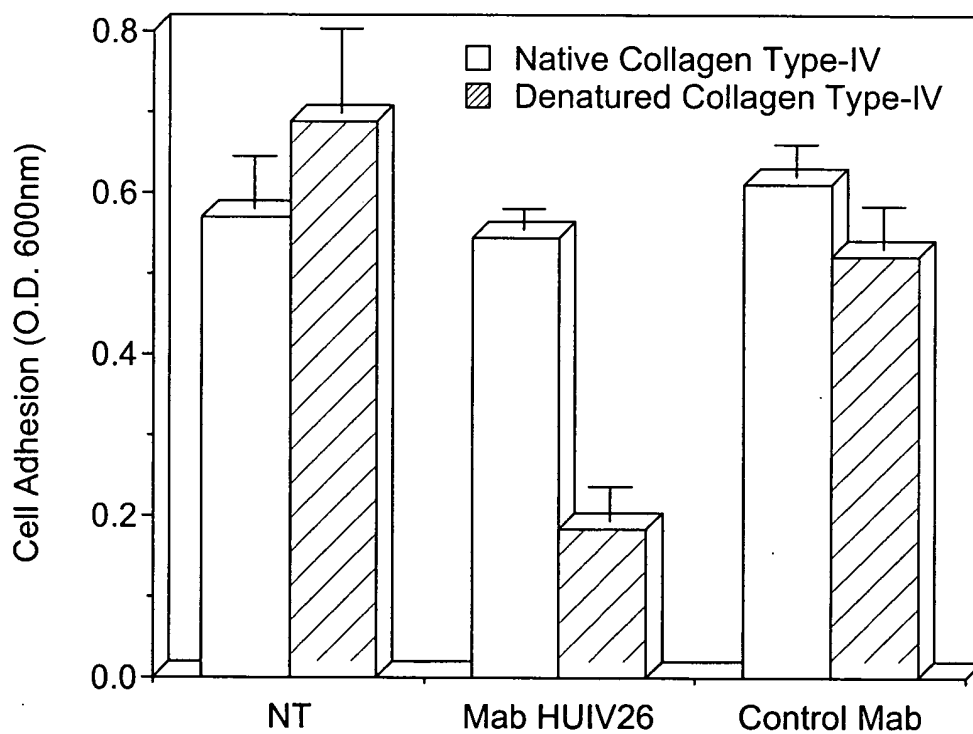
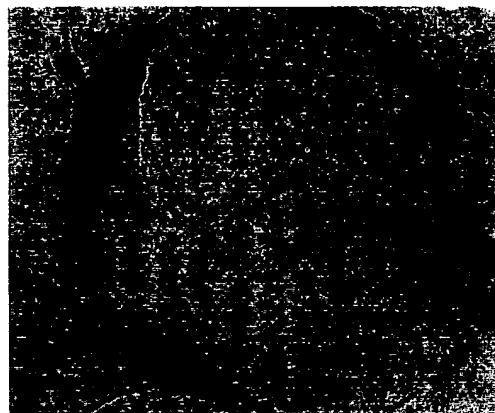


FIG. 15



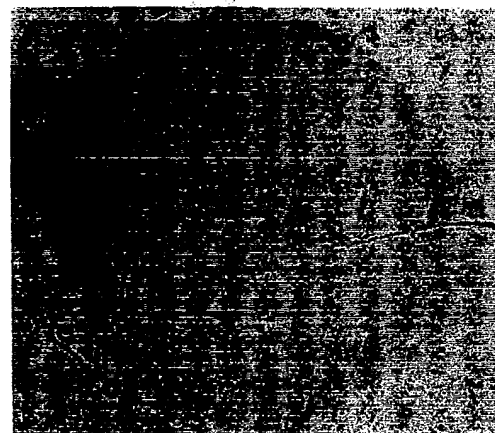
N0 bFGF



bFGF



**bFGF
+
HUIV26**



**bFGF
+
Control**



FIG. 16

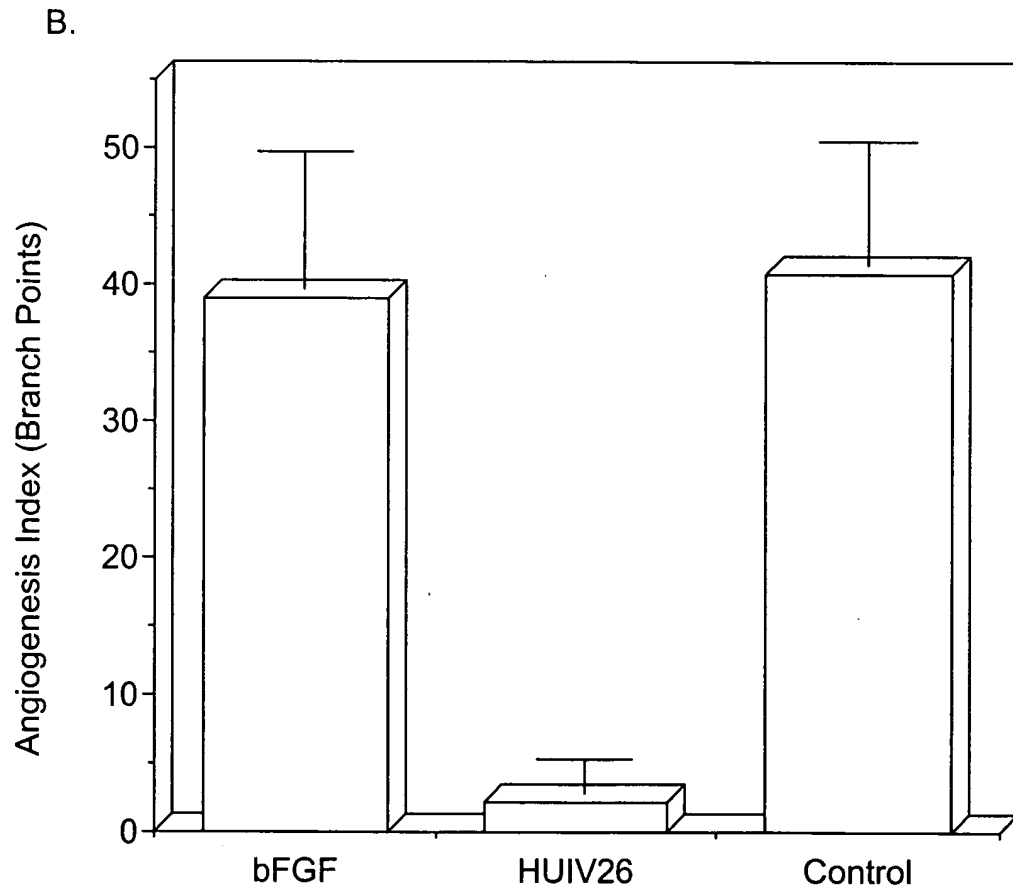
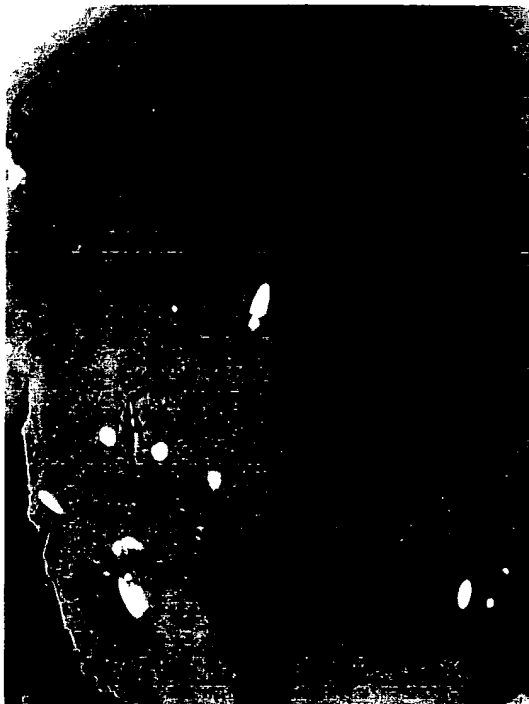
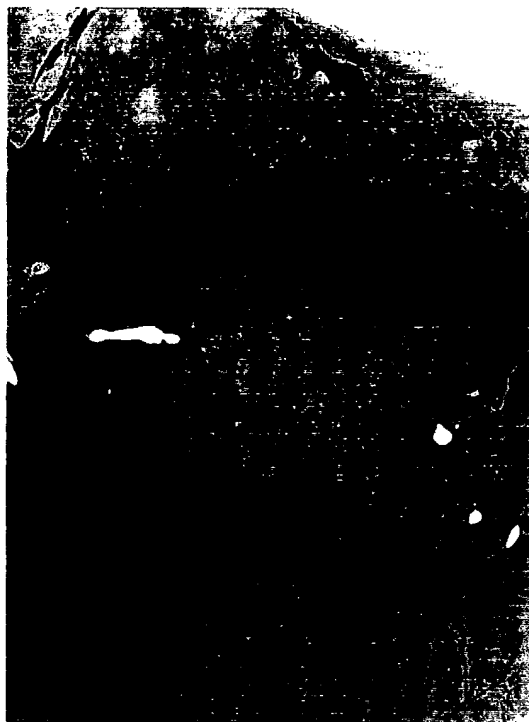


FIG. 17

CS-1 Melanoma Tumor Growth In The Chick CAM



Control Mab

HUIV26 Mab

FIG. 18



CS1 Melanoma Tumor Growth

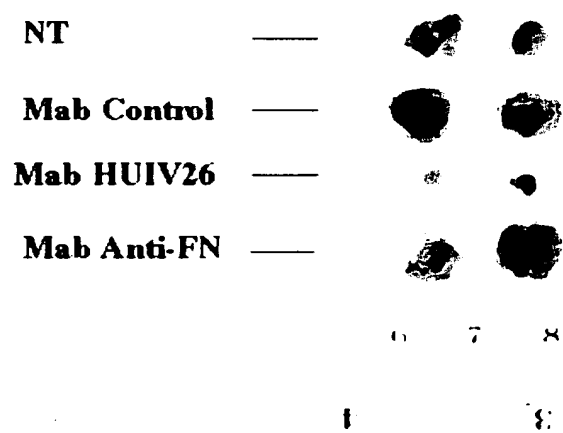


FIG. 19



B.

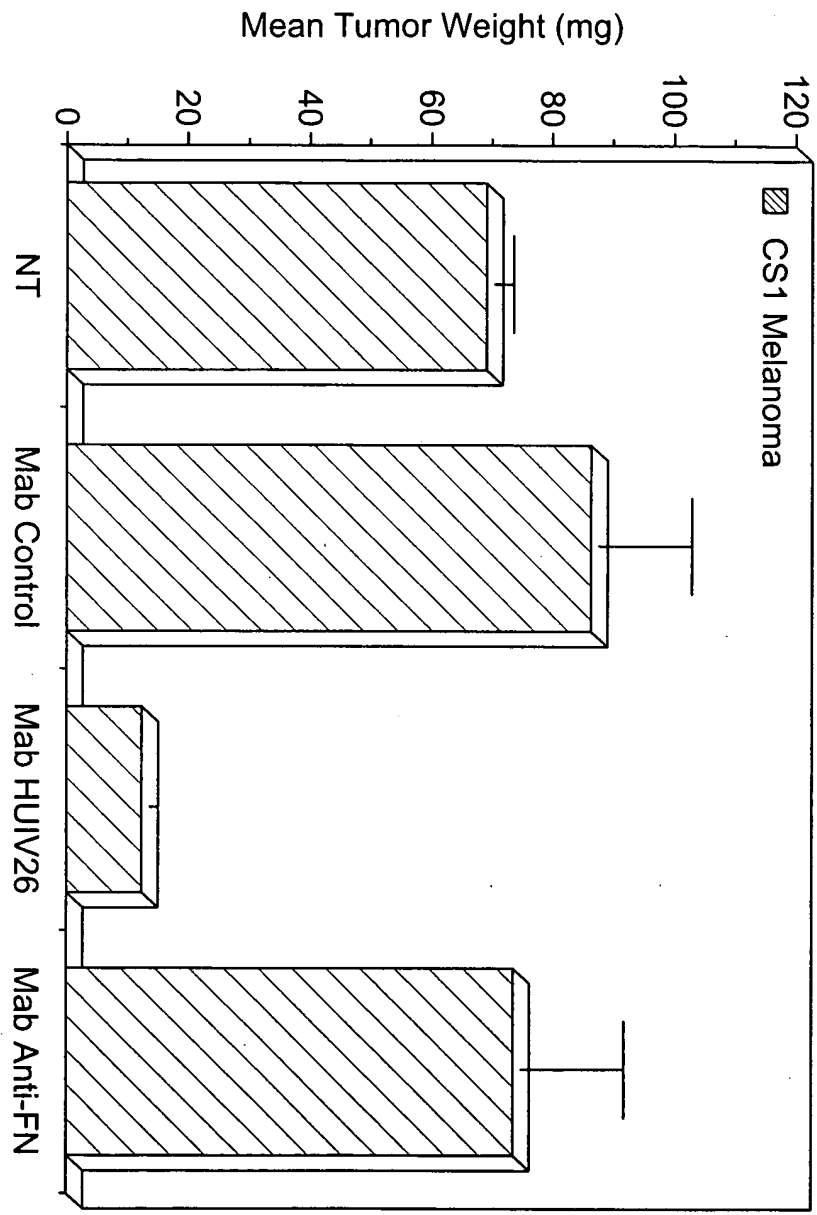


FIG. 20



C.

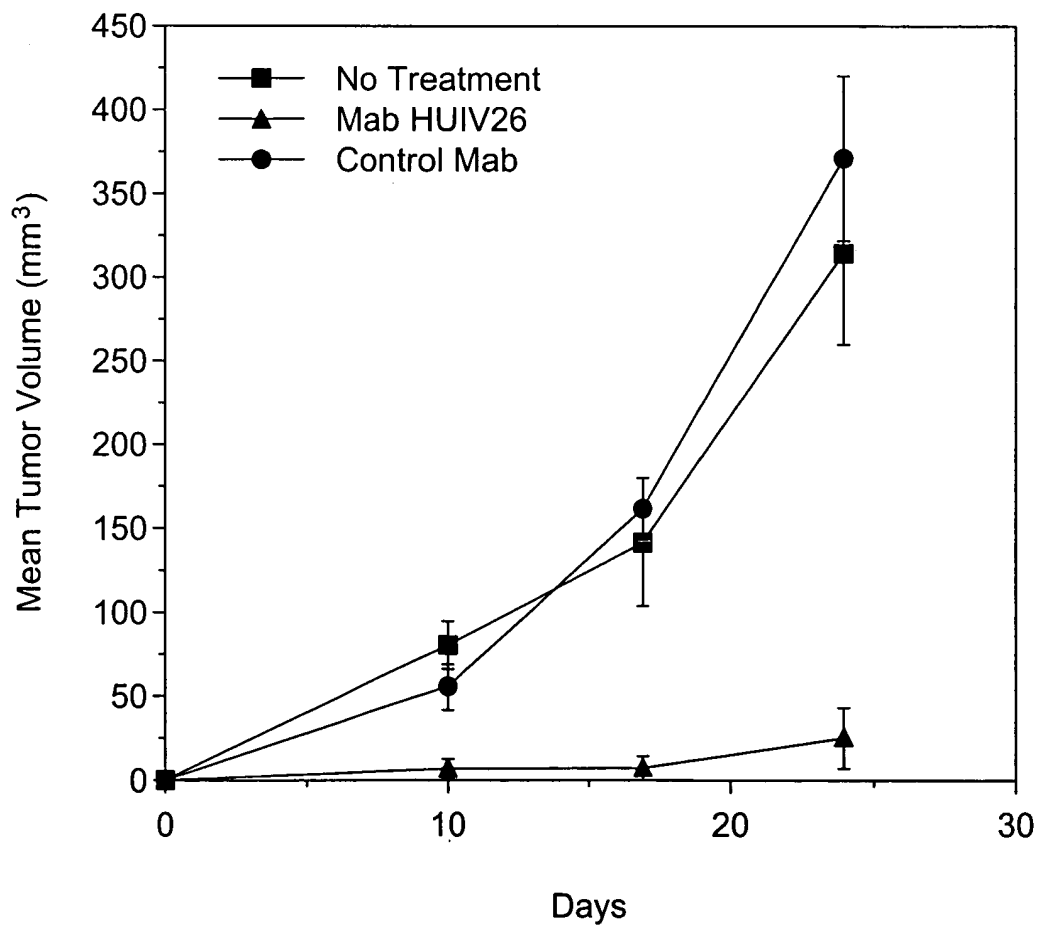


FIG. 21



A.

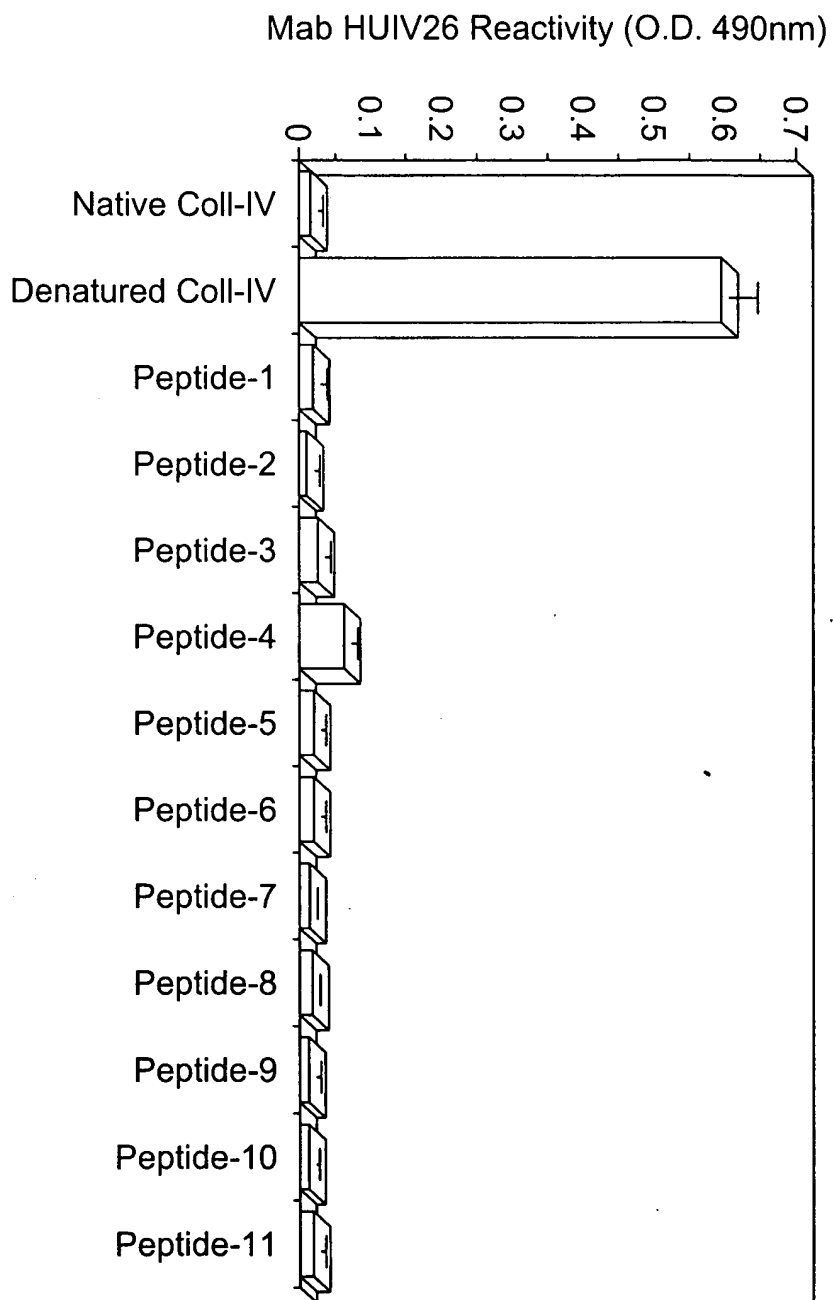


FIG. 22A



B.

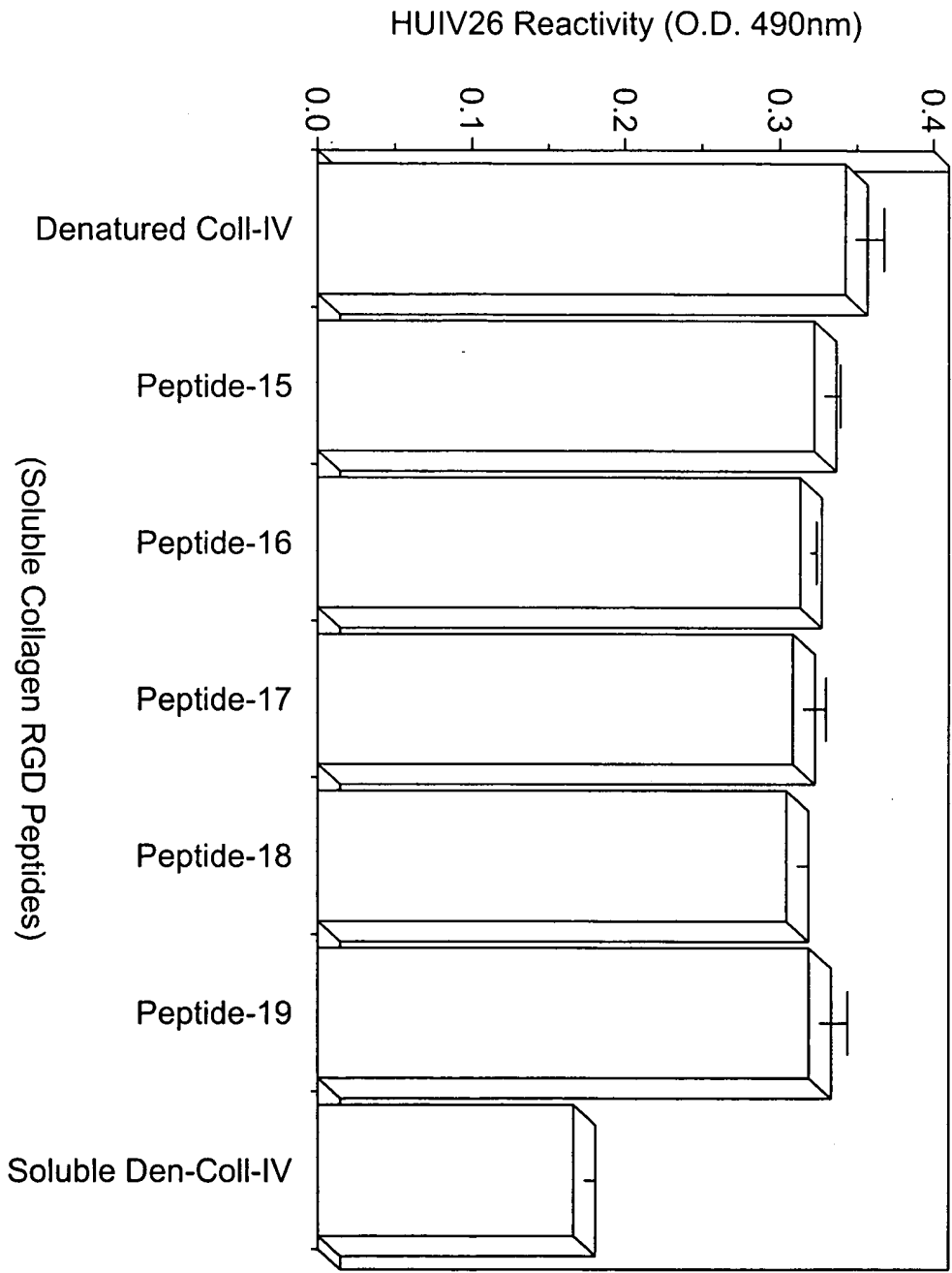


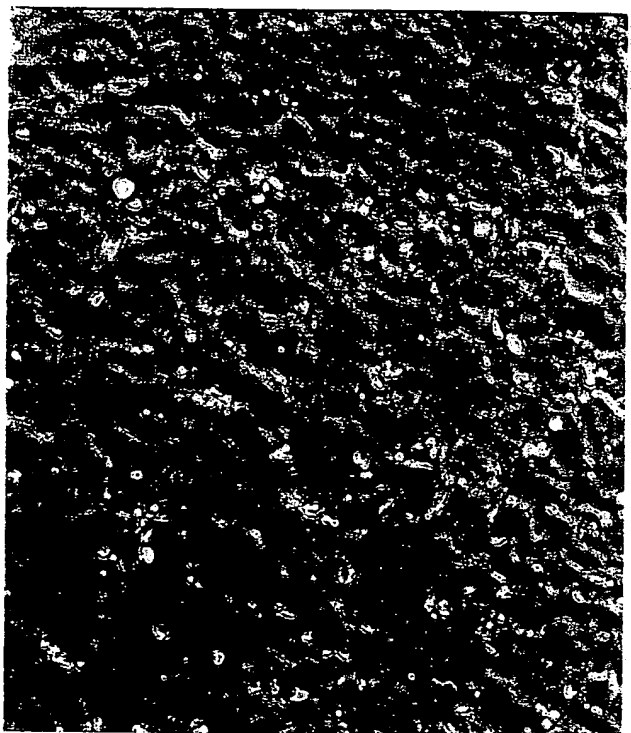
FIG. 22B

(Soluble Collagen RGD Peptides)



HUVEC Cord Formation

Native Collagen



Heat Denatured Collagen

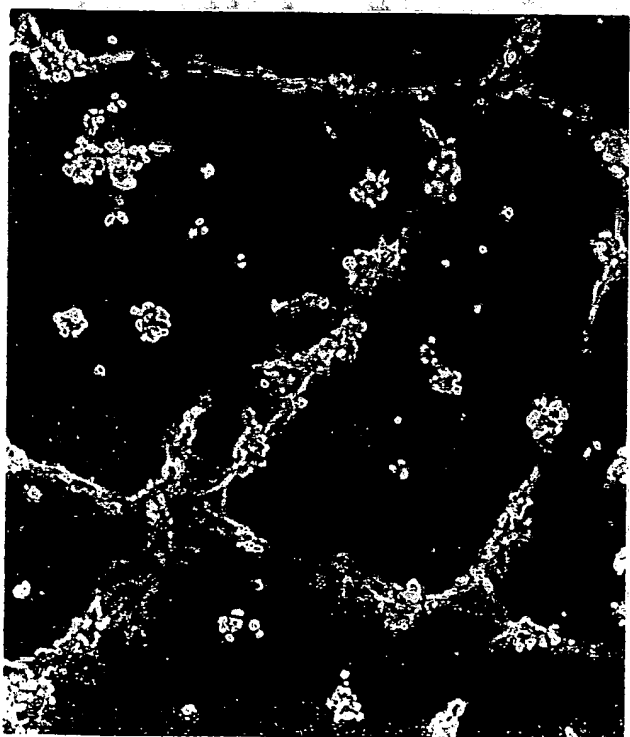


FIG. 23

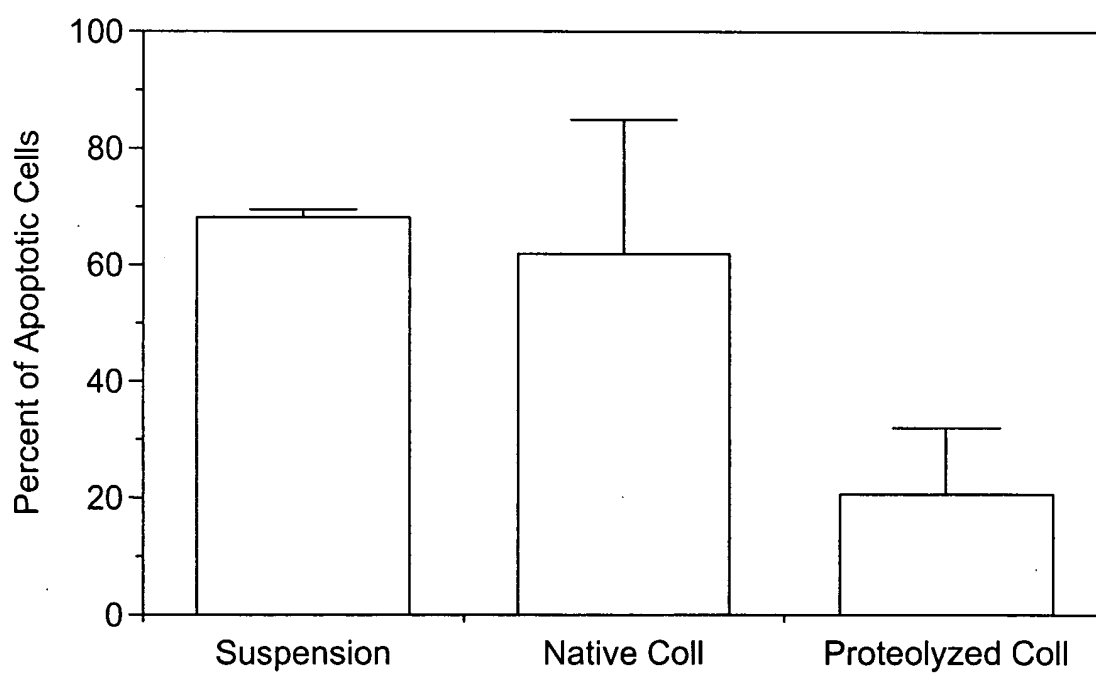
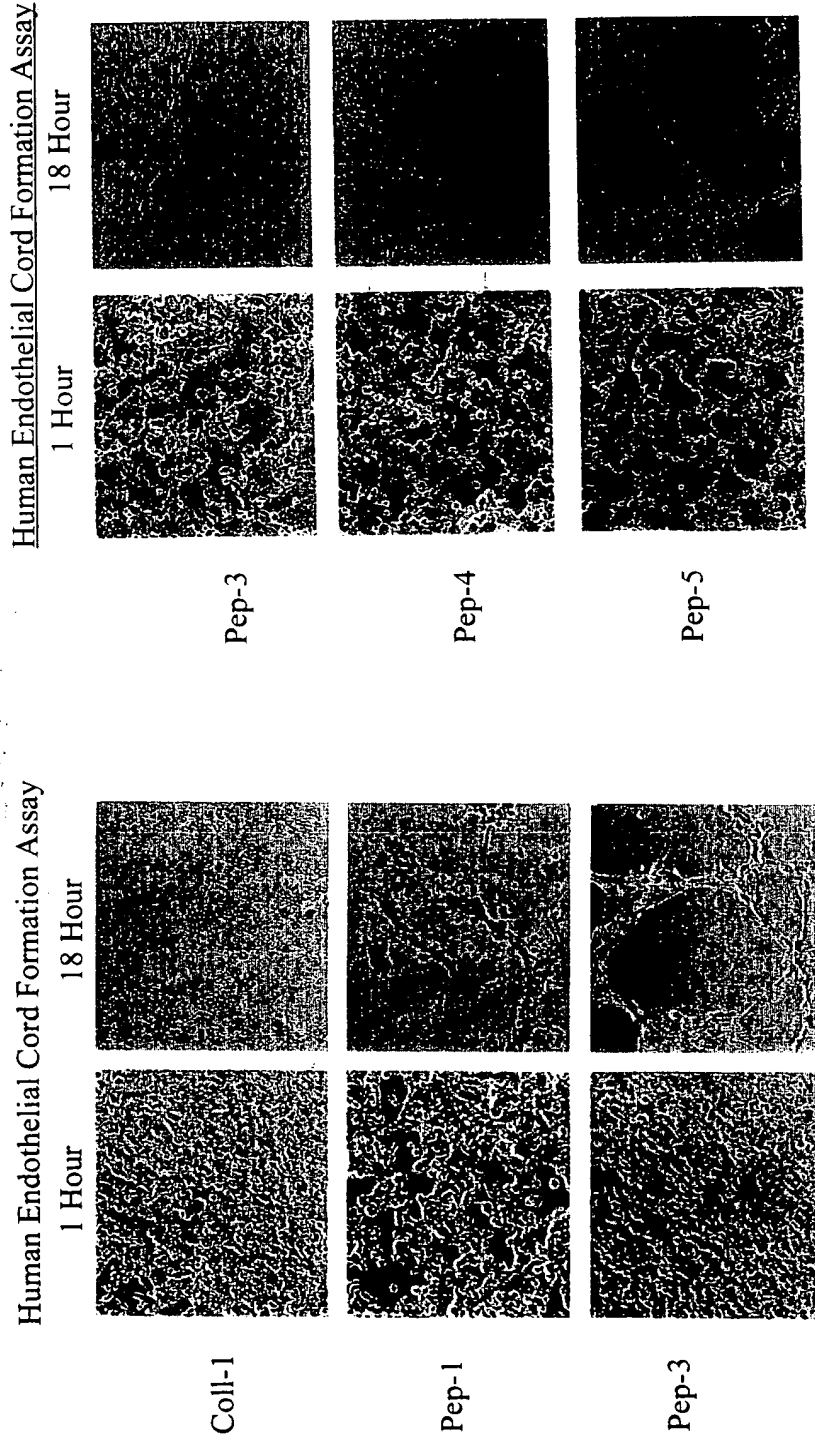


FIG. 24



Effects of Cryptic Collagen Domains on Endothelial Cord Formation
Flexible millipore membranes were coated with either native collagen-I (Coll-I) or collagen Peptides 1 through 5. Human endothelial cells were allowed to attach to the coated membranes for either 1 or 18 hours. Representative photographs of cord formation.

FIG. 25

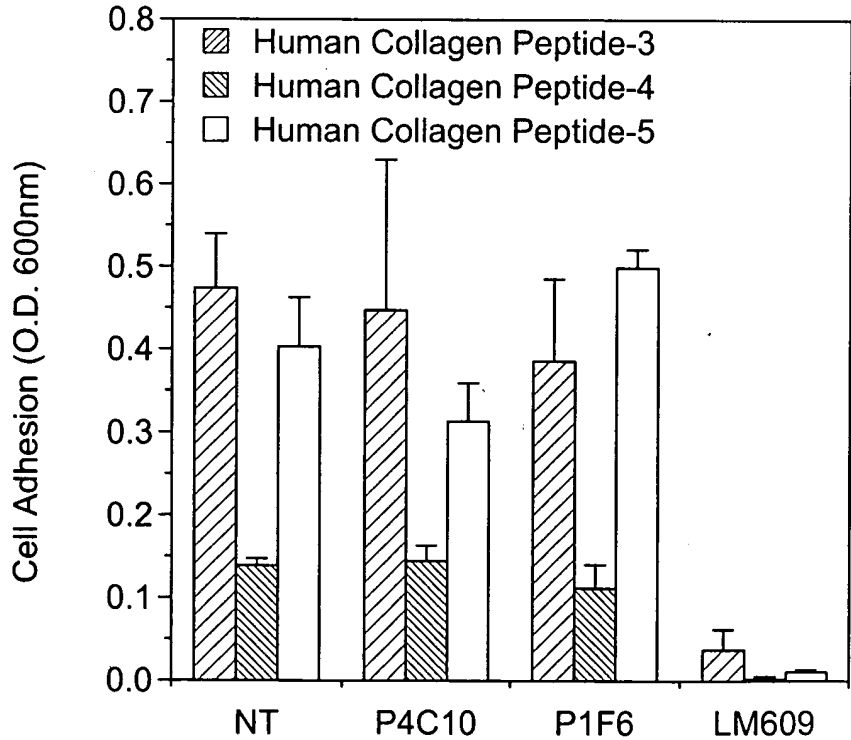
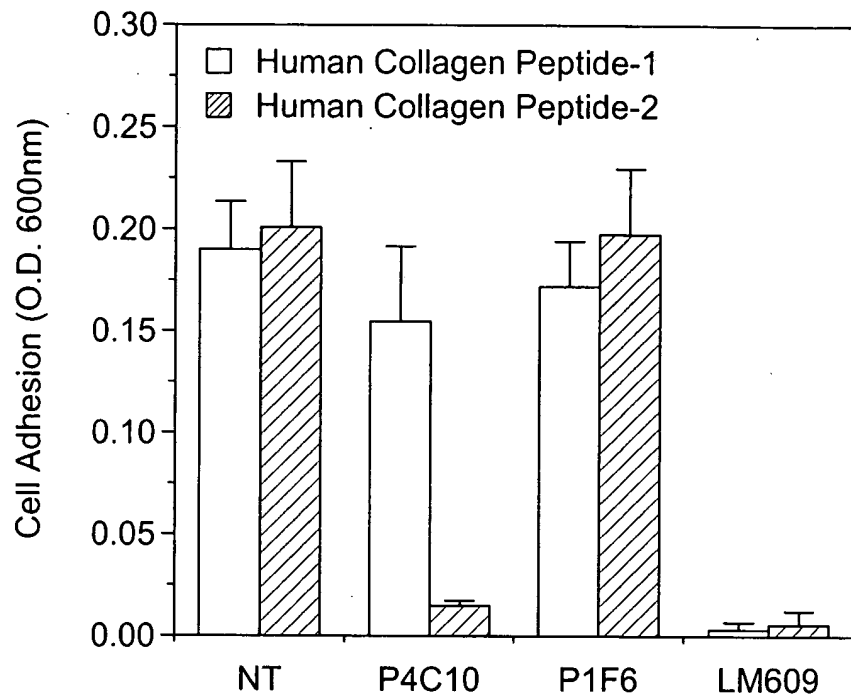
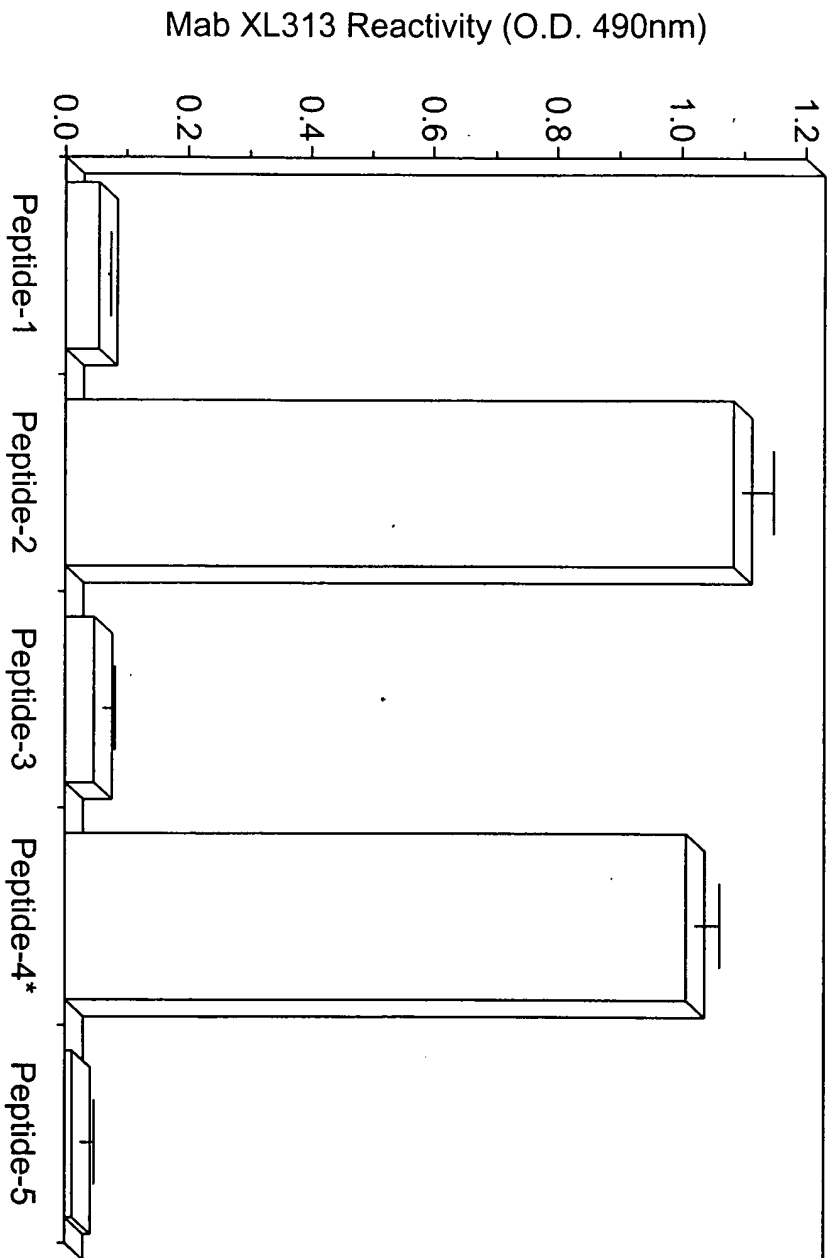


FIG. 26

Mab XL313 Reactivity to Human Collagen-I Peptides



* Peptide-4 not present in mature collagen-I

FIG. 27



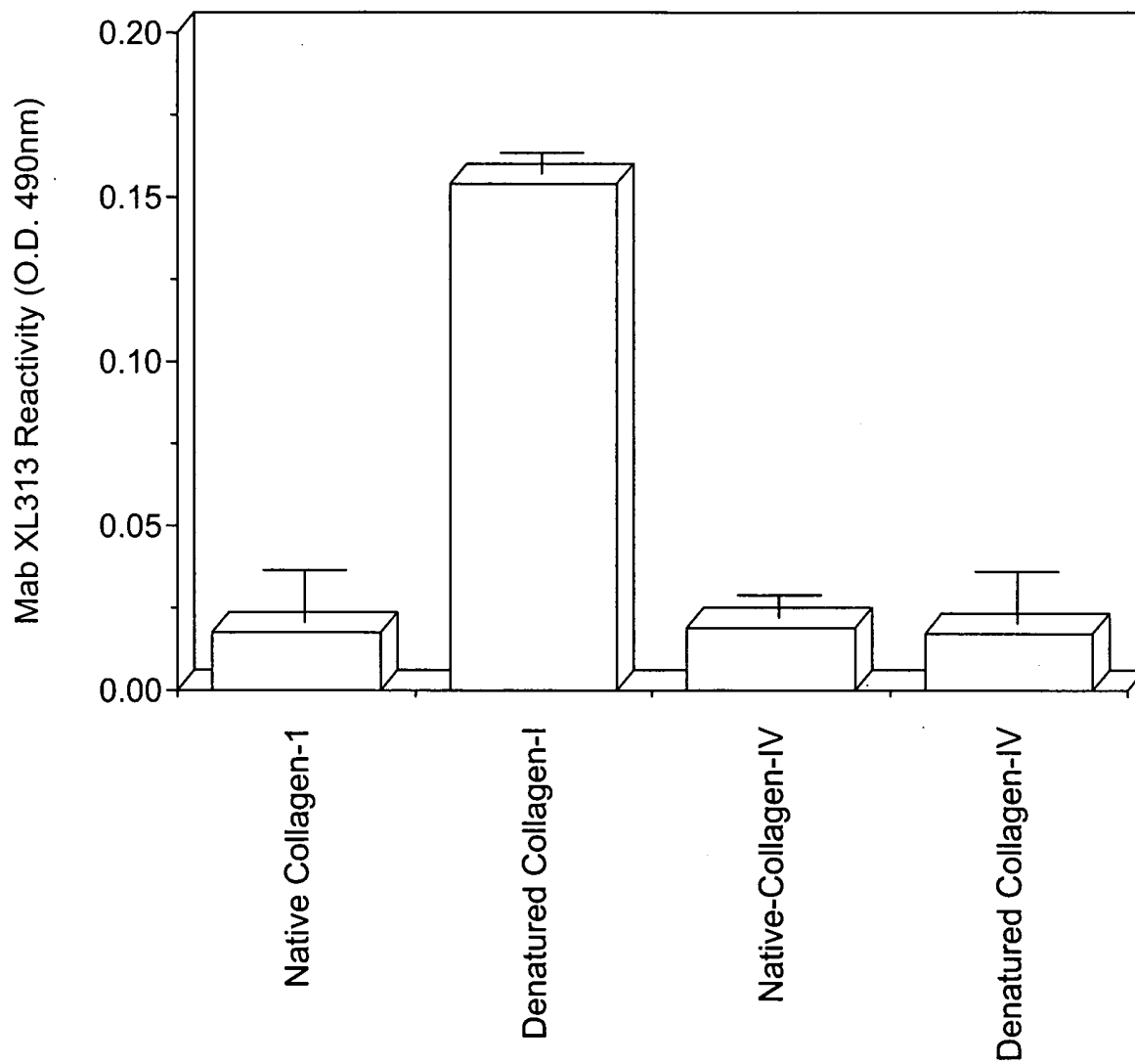


FIG. 28

bFGF Induced Angiogenesis in the Chick CAM

bFGF



bFGF + Mab XL313

bFGF + Mab Control



FIG. 29

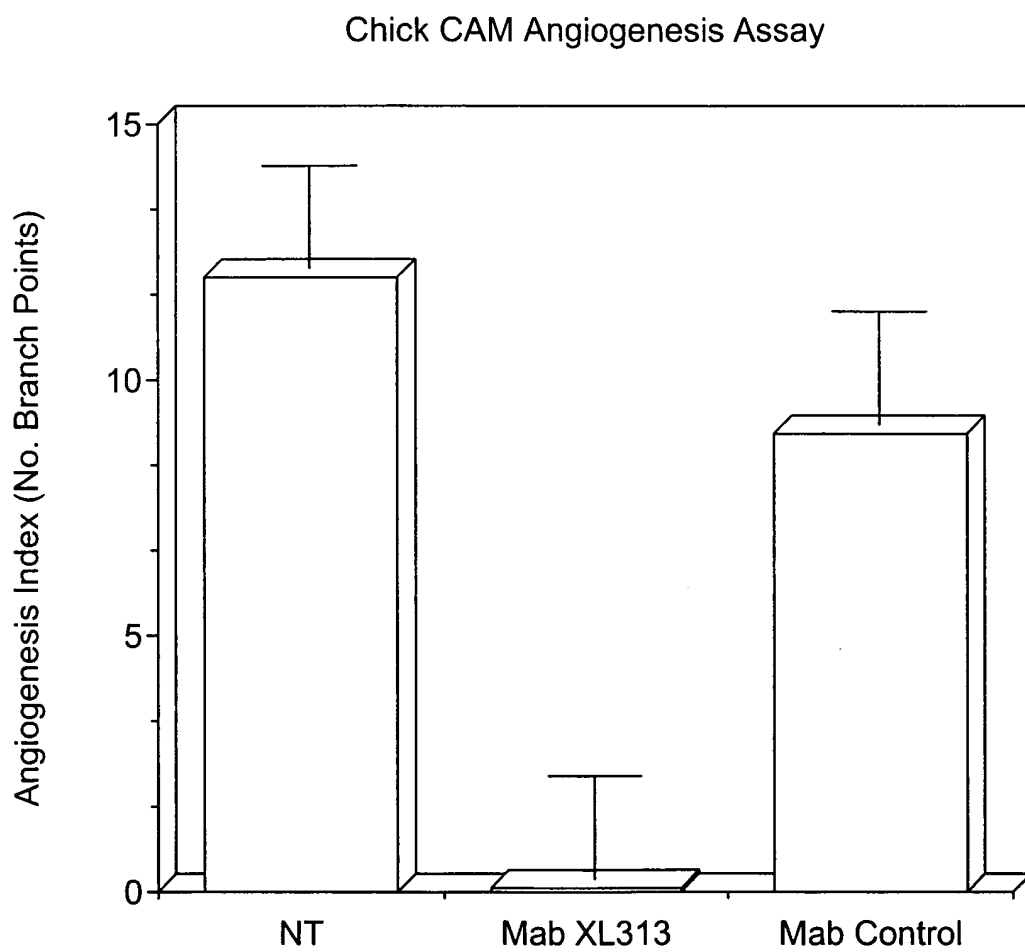


FIG. 30

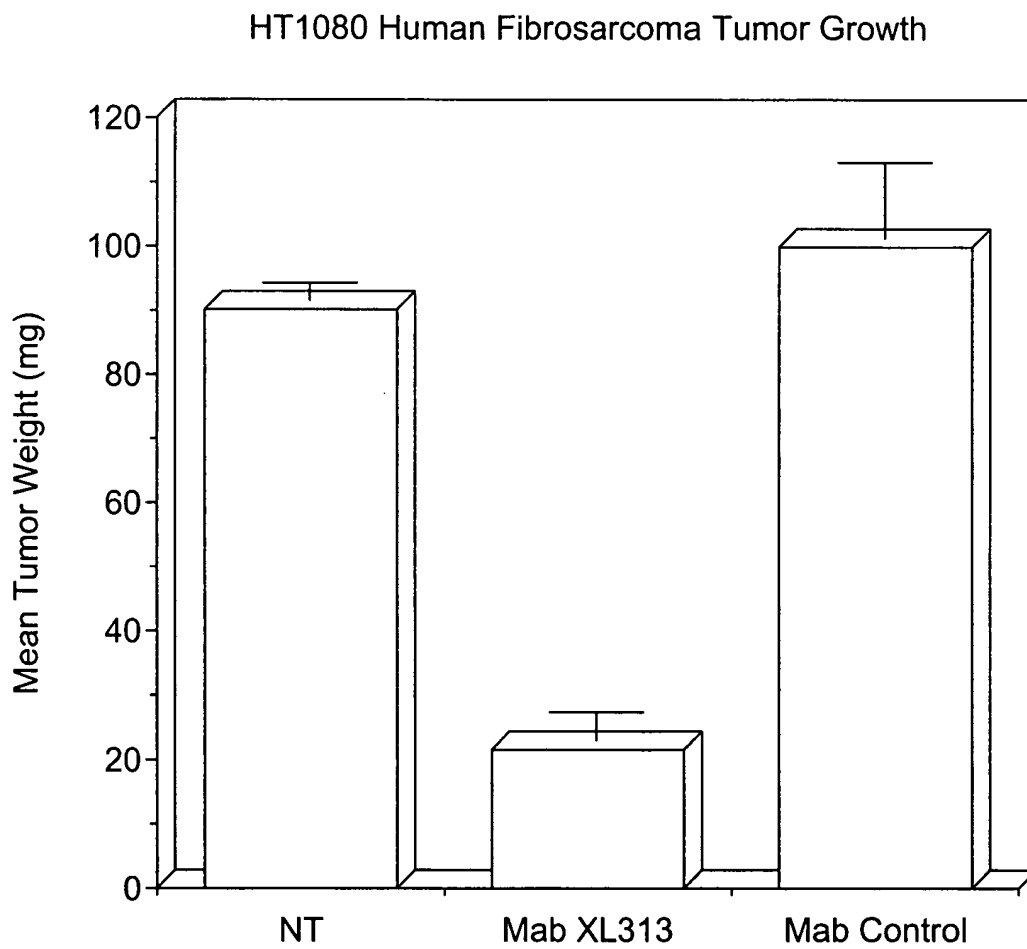


FIG. 31



B.

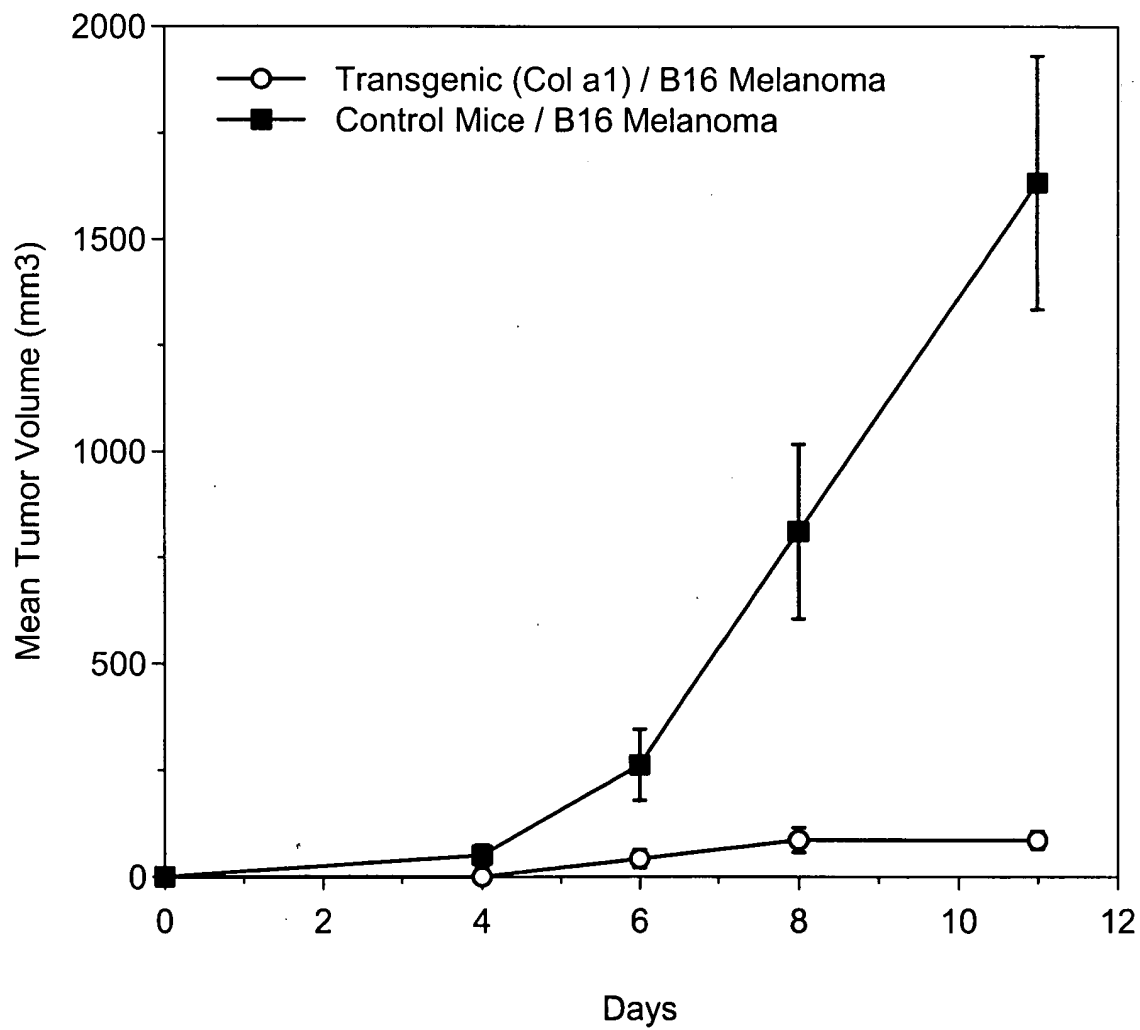
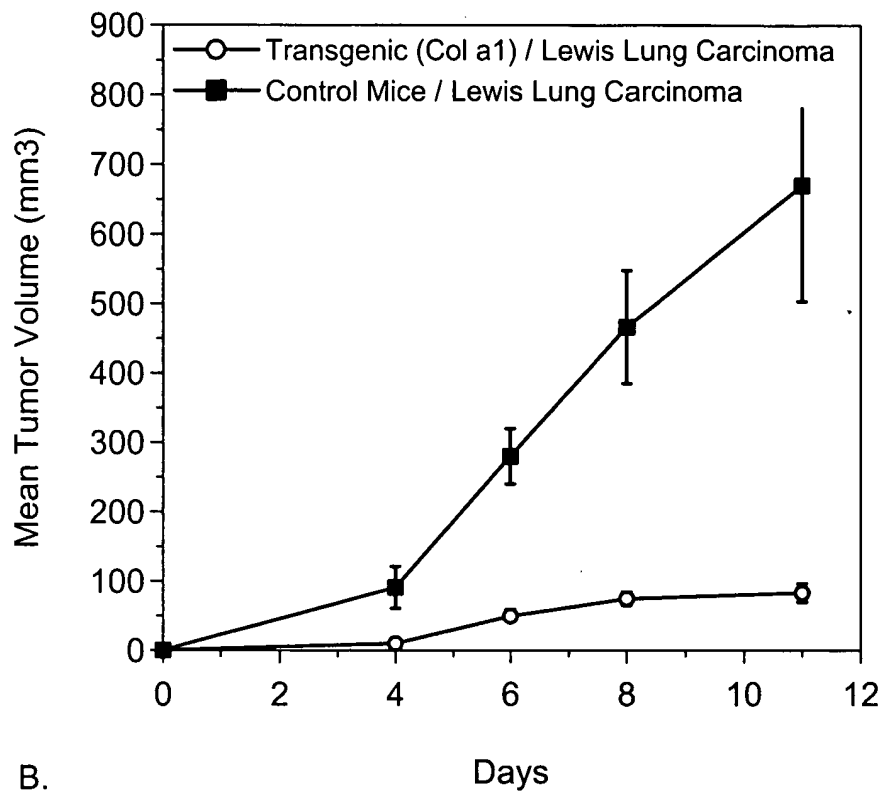


FIG. 32



A.



B.

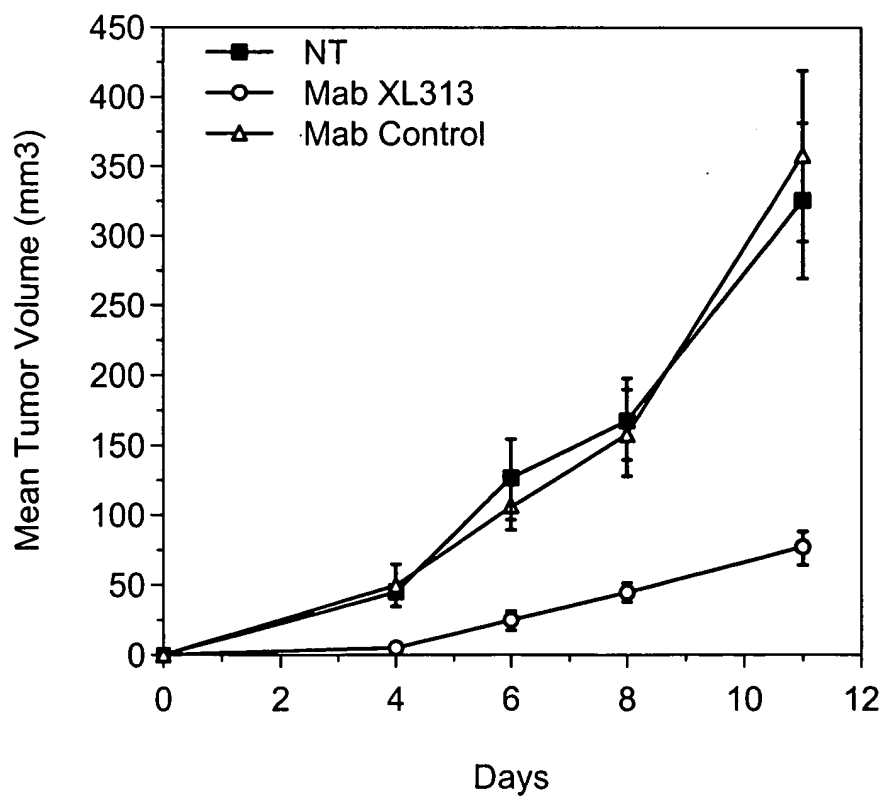


FIG. 33

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